



Iowa Acute Disease Monthly Update

Center for Acute Disease Epidemiology
December
2017



Iowa Department of Public Health

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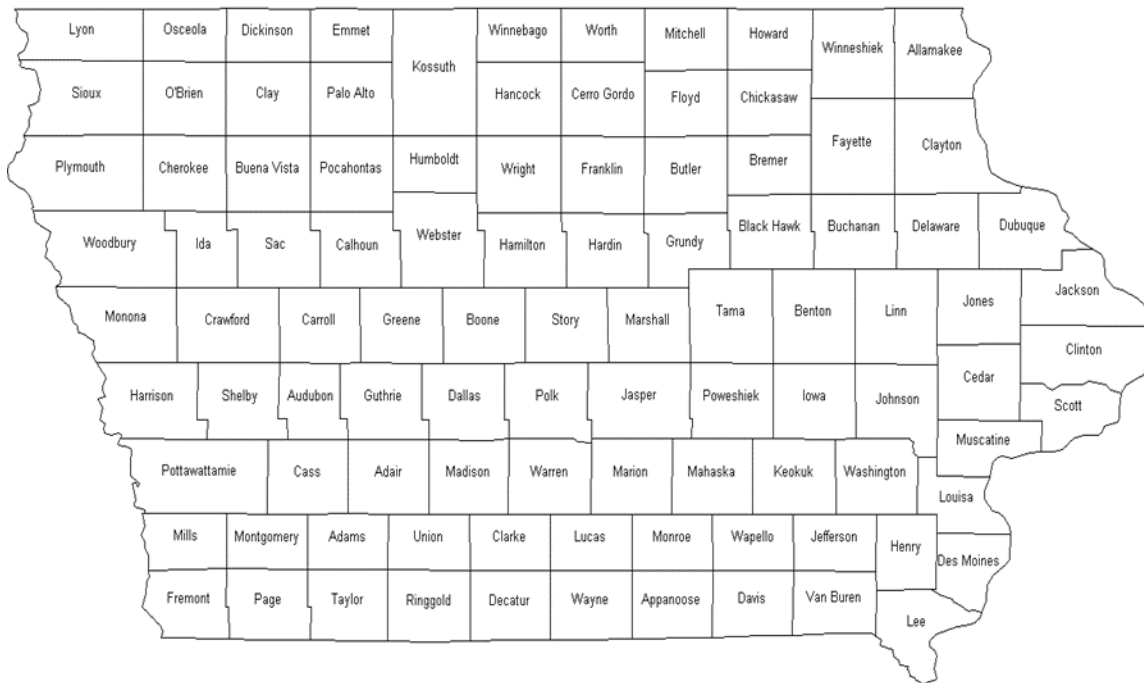
INTRODUCTION

The Center for Acute Disease Epidemiology (CADE) uses the most recent Council of State and Territorial Epidemiologists (CSTE) / Centers for Disease Control and Prevention (CDC) case definitions found on the [National Notifiable Disease Surveillance System \(NNDSS\)](#) page. These definitions are used to classify the case as confirmed, probable, suspect, not a case, or awaiting more information. **Only confirmed and probable cases meeting the CSTE/CDC case definitions are included in official case counts.** CADE began using the suspect case definition as a final classification on Jan 1, 2017. Suspect cases are not included in the official case count but only meant to better estimate burden of disease. Any counts in this report from dates prior to Jan 1, 2017 do not include suspect cases.

Disease case counts were compiled from the Iowa Disease Surveillance System (IDSS). Data are provisional and subject to monthly reporting variation.

Rates were calculated using the 2010 census population for the State of Iowa.

Iowa County Boundaries and Population



IOWA POPULATION					3,046,355
2010 CENSUS					
ADAIR	7,472	FLOYD	16,092	MONONA	9,121
ADAMS	3,894	FRANKLIN	10,548	MONROE	8,012
ALLAMAKEE	14,169	FREMONT	7,080	MONTGOMERY	10,424
APPANOOSE	12,692	GREENE	9,139	MUSCATINE	42,836
AUDUBON	5,873	GRUNDY	12,314	O'BRIEN	14,044
BENTON	25,699	GUTHRIE	10,687	OSCEOLA	6,211
BLACK HAWK	132,546	HAMILTON	15,312	PAGE	15,713
BOONE	26,364	HANCOCK	11,094	PALO ALTO	9,185
BREMER	24,624	HARDIN	17,441	PLYMOUTH	24,957
BUCHANAN	20,976	HARRISON	14,431	POCAHONTAS	7,154
BUENA VISTA	20,567	HENRY	20,222	POLK	451,677
BUTLER	15,021	HOWARD	9,526	POTTAWATTAMIE	92,728
CALHOUN	9,926	HUMBOLDT	9,688	POWESHIEK	18,601
CARROLL	20,589	IDA	7,141	RINGGOLD	5,072
CASS	13,598	IOWA	16,330	SAC	10,071
CEDAR	18,393	JACKSON	19,587	SCOTT	170,385
CERRO GORDO	43,575	JASPER	36,641	SHELBY	11,961
CHEROKEE	11,945	JEFFERSON	16,810	SIOUX	34,547
CHICKASAW	12,321	JOHNSON	139,155	STORY	92,406
CLARKE	9,325	JONES	20,611	TAMA	17,576
CLAY	16,491	KEOKUK	10,329	TAYLOR	6,161
CLAYTON	17,773	KOSSUTH	15,321	UNION	12,583
CLINTON	48,420	LEE	35,682	VAN BUREN	7,436
CRAWFORD	17,434	LINN	216,111	WAPELLO	35,391
DALLAS	74,641	LOUISA	11,282	WARREN	47,336
DAVIS	8,791	LUCAS	8,746	WASHINGTON	22,015
DECATUR	8,136	LYON	11,712	WAYNE	6,402
DELAWARE	17,534	MADISON	15,448	WEBSTER	37,044
DES MOINES	40,480	MAHASKA	22,417	WINNEBAGO	10,554
DICKINSON	16,955	MARION	33,252	WINNESHIEK	20,994
DUBUQUE	95,697	MARSHALL	40,994	WOODBURY	102,130
EMMET	9,996	MILLS	14,896	WORTH	7,541
FAYETTE	20,502	MITCHELL	10,709	WRIGHT	12,972

Case Counts for November 2017 (Counties A-J)

Confirmed, Probable, and Suspect* Cases

Note: Only counties with cases in November are displayed in the table.

	Campylobacteriosis	CRE <i>Citrobacter</i>	CRE <i>Enterobacter</i>	CRE <i>Escherichia coli</i>	CRE <i>Klebsiella</i>	Cryptosporidiosis	Dengue	E. coli (STEC)	Giardiasis	Haemophilus influenzae type B (invasive)	Hepatitis A	Hepatitis B chronic	Hepatitis D	HUS	Legionellosis	Lyme	Mumps	N. meningitidis (invasive)	Pertussis	Q Fever Acute	Rocky Mountain spotted fever	Salmonellosis	Shigellosis	Total
Adair																		1						1
Allamakee																						1		1
Appanoose																						1		1
Benton	3					2		1									3							9
Black Hawk						1			1									1	4			2		9
Boone																						2		2
Bremer																						1		1
Buchanan			1							1														2
Buena Vista	2																						2	4
Butler																						1		1
Calhoun	1																							1
Carroll																						2		2
Cerro Gordo	1		1					1																3
Clarke						1																		1
Clay	1																							1
Clayton						3										1								4
Clinton	2		1									1												4
Crawford	1																							1
Dallas	4							1	1			1							3				1	11
Davis											1													1
Delaware	1																							1
Des Moines	1					1																		2
Dubuque	5					1																2		8
Fayette												1												1
Floyd	1															1						1		3
Franklin																							2	2
Fremont	1																						1	2
Guthrie	2																					1		3
Hardin	1																							1
Henry	1																							1
Ida						1																		1
Iowa									1															1
Jackson	3															1								4
Jasper	1			1																		1		3
Jefferson	2																							2
Johnson	1								1							1			1			2		6
Jones			1						1			1				1								4

*CADE began using the suspect case definition as a final classification on Jan 1, 2017. Suspect cases are not included in the official case count but only meant to better estimate burden of disease. Any counts in this report from dates prior to Jan 1, 2017 do not include suspect cases.

Case Counts for November 2017 (Counties K-W)

Confirmed, Probable, and Suspect* Cases

Note: Only counties with cases in November are displayed in the table.

	Campylobacteriosis	CRE <i>Citrobacter</i>	CRE <i>Enterobacter</i>	CRE <i>Escherichia coli</i>	CRE <i>Klebsiella</i>	Cryptosporidiosis	Dengue	E. coli (STEC)	Giardiasis	Haemophilus influenzae type B (invasive)	Hepatitis A	Hepatitis B chronic	Hepatitis D	HUS	Legionellosis	Lyme	Mumps	N. meningitidis (invasive)	Pertussis	Q Fever Acute	Rocky Mountain spotted fever	Salmonellosis	Shigellosis	Total
Keokuk	1																					1		2
Lee	2		1		2																			5
Linn	3	1						1	5			3							1			1		15
Lucas								2																2
Lyon																						3		3
Madison								1																1
Mahaska	2																							2
Marion																						1		1
Marshall																						1		1
Mitchell	1																					1		2
Montgomery	1																							1
Muscatine											1													1
O'Brien																						1		1
Osceola						1																		1
Plymouth	1		1																					2
Pocahontas																						1		1
Polk	12		4			3		6	2			3									1	5	3	39
Pottawattamie	1						1								1							3		6
Poweshiek								1														1		2
Ringgold																1								1
Sac	1																					1		2
Scott	4				1			2			1					1			1			1	9	20
Shelby								1						1					1			2		5
Sioux	2					3																3		8
Story	2		1			1									1							2		7
Van Buren						1																		1
Wapello	1										1	1										1		4
Warren	3										1													4
Washington	1																							1
Winnebago	2					1										1								4
Woodbury				1							1													2
Worth			1			1		1																3
Wright																						1	4	5
Total	75	1	12	2	3	21	1	18	12	1	1	15	1	1	2	8	3	1	11	1	1	47	22	260

*CADE began using the suspect case definition as a final classification on Jan 1, 2017. Suspect cases are not included in the official case count but only meant to better estimate burden of disease. Any counts in this report from dates prior to Jan 1, 2017 do not include suspect cases.

YTD Case Counts 2017 (Counties A-J)

Confirmed, Probable, and Suspect* Cases

	Babesiosis	Campylobacteriosis	Chikungunya	CRE Citrobacter	CRE Enterobacter	CRE Escherichia coli	CRE Klebsiella	Cryptosporidiosis	Cyclosporiasis	Dengue	E. coli (STEC)	Ehrlichiosis/Anaplasmosis	Giardiasis	Haemophilus influenzae type B (invasive)	Hansen's disease	Hepatitis E	Hepatitis A	Hepatitis B acute	Hepatitis B chronic	Hepatitis D	HUS	Lacrosse	Legionellosis	Listeria	Lyme	Malaria	Mumps	N. meningitidis (invasive)	Pertussis	Q Fever Acute	Q Fever Chronic	Rocky Mountain spotted fever	Salmonellosis	Shigellosis	Tetanus	Tularemia	West Nile virus	Total	
Adair	2						1																					2					3	1				9	
Adams							1				1																											2	
Allamakee	9						10				1	4	3												3									8				1	39
Appanoose	7			1			4				1								2									5				1	3					24	
Audubon	4						2				2																						2					10	
Benton	15			1			10				6	1											1		9		5							4	1				53
Black Hawk	6	1					4				2		8						14	1				3		8		14	1	14				28	1				105
Boone	12			1	1		3	1			4		4	1							1				2				2				10					42	
Bremer	2										1		2						1						1		3		1				2					13	
Buchanan	8			1			5				4		5	1													1						11					36	
Buena Vista	18		1				7				1								1		1				1								4	7			1	42	
Butler	1						1																2				1				1		1					7	
Calhoun	15							1			4																						4	1				25	
Carroll	9						4				5		2																3				9					32	
Cass	4										3							1											2				3					13	
Cedar	5						7				4														4				1				6	1				28	
Cerro Gordo	16		1	3			4				4	1	2						4				1	1	2				1				7					47	
Cherokee	2						1				4								1					1	1								8					18	
Chickasaw	1	6					1				2												1	1									3					15	
Clarke	8						2				2		1																1				3	1				18	
Clay	3			1			3				2								1														1					11	
Clayton	10			3			16	1			4	1							1		1		1		17		6			1			5					67	
Clinton	23			1		1	3				3		1						2					1				1					16					52	
Crawford	8						1				4		1														2						1	1				18	
Dallas	16			2	4		1	23		1	10		1	6					1	4					3				7			2	23	6				110	
Davis							1										1												1				3					6	
Decatur	1						2				1																							1		1		6	
Delaware	15				1		8				3		2												3		6		1				7					46	
Des Moines	10						8				8	1					2		1						1								11	2				44	
Dickinson	6						7				1		1						1					1					1				3					21	
Dubuque	41			5	2	2	28	1			26	2	10						4				1		35		16		2	1		1	20	3				200	
Emmet	1			1			1				1		1										1		1								1					8	
Fayette	2				3		1				2		3						3						3								3					20	
Floyd	15												1						1						2	1							5					25	
Franklin	3		1								1		1														1						1	2				10	
Fremont	2																																1		1			4	
Greene	8						2				4		1								1												2					18	
Grundy																									2		2						4					8	
Guthrie	8			1			1				4																1						4					19	
Hamilton	4						2				3		1						1								1			1			4	1				18	
Hancock	4					1	4				1																						4					14	
Hardin	17										1	1	1												1								3					24	
Harrison	4										4	1	1						1								1	2				1	1					16	
Henry	5										1		1																	1			5					13	
Howard	6						4																	1									1		1			13	
Humboldt	4						1						1																				2					8	
Ida	1						1																														1	3	
Iowa	7						2				3	1	1																				2					16	
Jackson	14			1		1	6				9		3												7				2				7					50	
Jasper	15			2	1		4				5		2				1		2				1		2	1						1	10	1				48	
Jefferson	2						4	1					1	3					2						1								1					15	
Johnson	40		1		2		10	4			22	1	16						18				1		43	4	7		26				33	1				229	
Jones	12			2	1		5				7		3						1				1		4		1						2					39	

*CADE began using the suspect case definition as a final classification on Jan 1, 2017. Suspect cases are not included in the official case count but only meant to better estimate burden of disease. Any counts in this report from dates prior to Jan 1, 2017 do not include suspect cases.

YTD Case Counts 2017 (Counties K-W)

Confirmed, Probable, and Suspect* Cases

	Babesiosis	Campylobacteriosis	Chikungunya	CRE Citrobacter	CRE Enterobacter	CRE Escherichia coli	CRE Klebsiella	Cryptosporidiosis	Cyclosporiasis	Dengue	E. coli (STEC)	Ehrlichiosis/Anaplasmosis	Giardiasis	Haemophilus influenzae type B (invasive)	Hansen's disease	Hepatitis E	Hepatitis A	Hepatitis B acute	Hepatitis B chronic	Hepatitis D	HUS	Lacrose	Legionellosis	Listeria	Lyme	Malaria	Mumps	N. meningitidis (invasive)	Pertussis	Q Fever Acute	Q Fever Chronic	Rocky Mountain spotted fever	Salmonellosis	Shigellosis	Tetanus	Tularemia	West Nile virus	Total		
Keokuk	6			1	1		4				1													1					1			1	4					20		
Kossuth	3				2			1			4		1																				2						13	
Lee	4				3	3	10	4			1	1	2																				4	3					35	
Linn	57			3	4		1	39	1		19	1	19							19					33	1	11		7				52	5				1		273
Louisa	3										1		1							2													1						8	
Lucas	9							3			7	1	1									1																		22
Lyon	6							5			8		1								1													9				2	32	
Madison	15							7			6		2														1										1		32	
Mahaska	11							2	2		2		2										1											7					27	
Marion	7							8			1									1					1				3				7						28	
Marshall	8				1	1	2	1	3		3	1	1							3				1	1	2		1					8	1					38	
Mills	3					1		5			3												1											4	3				20	
Mitchell	12				1		1	9			11		3																				2						39	
Monona	1																																3						4	
Monroe	3				1			3			3																		2				2						14	
Montgomery	3			1		2													1																				7	
Muscatine	13						1	3	1	1	11		3				1	1	1	3				1		2				1				7	24					74
O'Brien	5				1			1			2		2																					7					18	
Osceola	3							1																										1				1	6	
Page	5							1			2		1																					5					14	
Palo Alto	8										2								1																					11
Plymouth	7				1			8			6		4							1								1						1					29	
Pocahontas	8							2			7																							3					20	
Polk	133			1	8	2	1	53	6	1	53		50				2	4	72	3			3		18	5	8		36	1		2	93	25		1	1		582	
Pottawattamie	21				1	1		4	1	1	7	1	8							7			4		3				2			1	18	9				1	90	
Poweshiek	5							1			2												1							1			2					1	13	
Ringgold	1							3			1														1														6	
Sac	11							4			4		2																	1			4						26	
Scott	31				2	2	2	8	1		12		11	1			1	2	13				4		15	1	2	1	36				24	38					207	
Shelby	9							7			4							1	1		1									1			9						33	
Sioux	26							37	2		5		9						1						1					1			18	1					101	
Story	1	36			2	1		16	2		5	3	14						6				1		5	3	15						19	6			1		136	
Tama	3				1			3			2														2		1						8	3					23	
Taylor								1			1										1																		3	
Union	8							5			6		1									1											2						23	
Van Buren	5					1		2			1																			1			1						11	
Wapello	18							4			3								6	1					1	1			5	1			2						42	
Warren	1	17				1	1	8			5		9						2								4		2			1	16	1		1		69		
Washington	9							2			2		1																3				4						21	
Wayne	1																			1													2						4	
Webster	7							6		1	5		2												2		1			1			7						32	
Winnebago	2							1				1													1								2						7	
Winneshieki	15				1			15	1		2	1				1									7		11						6	1					61	
Woodbury	16			2	5	1	1	18		1	5	1	7		1			1	13						1				4			1	17	3			1		99	
Worth	5				1			5			3																												14	
Wright	7							1			1																							4	4				17	
Total	3	1042	1	15	63	27	26	526	29	6	410	27	245	3	1	2	8	11	218	6	7	1	33	3	255	18	126	2	173	13	1	14	690	159	1	4	12		4181	

*CADE began using the suspect case definition as a final classification on Jan 1, 2017. Suspect cases are not included in the official case count but only meant to better estimate burden of disease. Any counts in this report from dates prior to Jan 1, 2017 do not include suspect cases.

Case Counts for December 1, 2016 – November 30, 2017

(Counties A-J)

Confirmed and Probable Cases

	Babesiosis	Campylobacteriosis	Chikungunya	CRE Citrobacter	CRE Enterobacter	CRE Escherichia coli	CRE Klebsiella	Cryptosporidiosis	Cyclosporiasis	Dengue	E. coli (STEC)	Ehrlichiosis/Anaplasmosis	Giardiasis	Haemophilus influenzae type B (invasive)	Hansen's disease	Hantavirus	Hepatitis E	Hepatitis A	Hepatitis B acute	Hepatitis B chronic	Hepatitis D	HUS	Lacrosse	Legionellosis	Listeria	Lyme	Malaria	Mumps	N. meningitidis (invasive)	Pertussis	Q Fever Acute	Q Fever Chronic	Rocky Mountain spotted fever	Salmonellosis	Shigellosis	Tetanus	Tularemia	West Nile virus	Total	
Adair	2							1																						2					3	1				9
Adams								1																																1
Allamakee	9							10			1	3	3													2									8	1			1	38
Appanoose	7				1			4			1									2										5			1	4					25	
Audubon	5							2			1																								2					10
Benton	16				1			10			4	1													1		9		5						5	1				53
Black Hawk	9	1						4			2		8								15	1			2		8		13	1	14				31	1				110
Boone	14				1			3	1		3		4	1									1				2		1		3				10					44
Bremer	3										2		2								1						1		3		1				2					15
Buchanan	9							4			2		5	1													1		1						11					34
Buena Vista	18							7			1										1		1				1								5	7			1	42
Butler	1							1																	2				1				1		1					7
Calhoun	15								1		2																								4	1			23	
Carroll	10							4			5		5																1		3				9				37	
Cass	4										2								1												7				3				17	
Cedar	7							8			4																4				1				6	1			31	
Cerro Gordo	17							4			3	1	2								4				1	1	2				1				7					43
Cherokee	2							1			4										1					1	1								8					18
Chickasaw	6							1			1														1		1								3					13
Clarke	8							2					1																			1			3	1				16
Clay	3							3			2										1														1				10	
Clayton	11							11	1		3	1									1		1		1		16		6			1			5				58	
Clinton	24						1	3			2		1								2				1				1						17					52
Crawford	9							1			3		1																1						1	1			17	
Dallas	16			1	2		1	23		1	4	1	6							1	4						3				6			2	23	6				100
Davis	1							2										1																	4				8	
Decatur	1							2															1													1		1	6	
Delaware	16				1			8			3		2													3		7		1					7				48	
Des Moines	10							8			5	1	2					2		1						1									11	2				43
Dickinson	7							7			1		1								1						1					1			3					22
Dubuque	47				1		1	28	1		18	1	10								4				1		34		33		2	1			1	24	3			210
Emmet	1							1			1		1												1		2								1					8
Fayette	2					3		1			1		3								3							3							3					19
Floyd	15												1								1								1						5					25
Franklin	4												1																	1					1	2				9
Fremont	2																																		1		1			4
Greene	9							2			4		1										1												2					19
Grundy																											2		2						4					8
Guthrie	10							1			3																		1						4					19
Hamilton	4							2			3		1								1								1			1			6	2				21
Hancock	5							1			1																								4					11
Hardin	17										1	1	1													1									3					24
Harrison	4										4	1	1								1							1	1					1	1					15
Henry	5												1																			1			5					12
Howard	6							4																			1								1		1			13
Humboldt	4							1					1																						2					8
Ida	1							1																															1	3
Iowa	8							2			3	1	1																						2				17	
Jackson	14				1		1	6			4		3														7				2				7					45
Jasper	15							4			4		2						1		2				1		2	1						1	12	1				46
Jefferson	2							5	1			1	3								2						1								1					16
Johnson	42					1		10	4		14	1	18								19				1		41	4	7		22				35	2				221
Jones	12							5			5		3								1				1		4		1						2					34

Case Counts for December 1, 2016 – November 30, 2017

(Counties K-W)

Confirmed and Probable Cases

	Babesiosis	Campylobacteriosis	Chikungunya	CRE Citrobacter	CRE Enterobacter	CRE Escherichia coli	CRE Klebsiella	Cryptosporidiosis	Cyclosporiasis	Dengue	E. coli (STEC)	Ehrlichiosis/Anaplasmosis	Giardiasis	Haemophilus influenzae type B (invasive)	Hansen's disease	Hantavirus	Hepatitis E	Hepatitis A	Hepatitis B acute	Hepatitis B chronic	Hepatitis D	HUS	Lacrosse	Legionellosis	Listeria	Lyme	Malaria	Mumps	N. meningitidis (invasive)	Pertussis	Q Fever Acute	Q Fever Chronic	Rocky Mountain spotted fever	Salmonellosis	Shigellosis	Tetanus	Tularemia	West Nile virus	Total	
Keokuk	6			1			4																			1							1	4					17	
Kossuth	3						1				3		2																					2					11	
Lee	4				2	9	4				1	1	2																				4	3					30	
Linn	61						39	1			11	1	19							20						31	2	10		4				58	5			1	263	
Louisa	4												1							2														1					8	
Lucas	9						3				6	1	1										1							4									25	
Lyon	7						5				6		1									1												9				2	31	
Madison	16						8				4		2																								1		31	
Mahaska	12						2	2			1		3											1										7					28	
Marion	8						8													1						1			3					7					28	
Marshall	8					1	1	3			3	1	1							3					1	1	2		1					9	1				36	
Mills	3						3				3													1										5	3				18	
Mitchell	12						9				10		3																					2					36	
Monona	1						1															1												3					6	
Monroe	3			1			3				1																			2				2		1			13	
Montgomery	3				2															1																			6	
Muscatine	14					1	3	1	1	10		3					1	1	1	3					1		2			3				10	25					80
O'Brien	5						2				1		2																						7				17	
Osceola	3						1																											1				1	6	
Page	5						1				2		1																					5					14	
Palo Alto	8										2									1																				11
Plymouth	9						10				5		4							1								1						1					31	
Pocahontas	8						2				2		1																1					3					16	
Polk	137			1		1	52	6			23		58					3	5	81	3			3		19	5	9		37	1		2	95	28		1	1	571	
Pottawattamie	21			1	1		3	1	1	7	1	8								8				4	3				2			1	18	9			1	90		
Poweshiek	5						1																	1							1		2				1	11		
Ringgold	1						3																			1														5
Sac	13						4						2																			1		4					24	
Scott	33			1	1		8	1		10		12	1			1		1	2	18				5		15		2	1	30				25	36					203
Shelby	9						6				4								1	1		1									1			9					32	
Sioux	27						35	2			2		10							1						1					1			20	1					100
Story	1	38		1			16	2		3	2	15								7				1	5	3	13							20	6			1	134	
Tama	4			1			3				1															2		1						9	3					24
Taylor							1				1											1												1					4	
Union	9						5				4		1											1										2					22	
Van Buren	5				1		2				1																							1					11	
Wapello	19						5				2									6	1						1			2	1			2					39	
Warren	1	17					10				1		9							2									5		4			1	16	1		1	68	
Washington	9						2				2		1																		3				4				21	
Wayne	1																			1	1													2				5		
Webster	7						7		1	1		2														2		1				1			7	6				35
Winnebago	2						1					1														1								2					7	
Winneshiek	15						16	1			1						1									7		11						6	1				59	
Woodbury	16		1	2			18		1	5	1	7		1					1	12						1				3			1	17	3			1	91	
Worth	7						5				3																													15
Wright	7						1				1		1																					4	4				18	
Total	2	1103	1	3	15	12	16	523	29	5	270	23	267	3	1	1	2	9	12	237	6	9	1	33	3	250	18	141	2	168	13	1	14	727	170	2	4	12	4108	

Campylobacteriosis Summary

December 1, 2016 – November 30, 2017

75

Statewide campylobacteriosis cases in November (confirmed and probable)

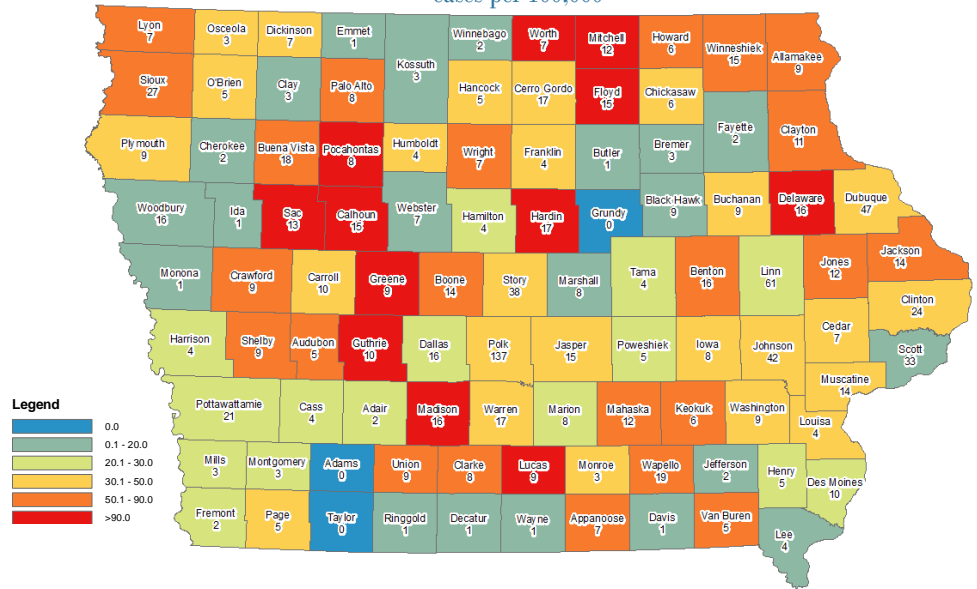
1103

Statewide campylobacteriosis cases in the past 12 months (confirmed and probable)

713

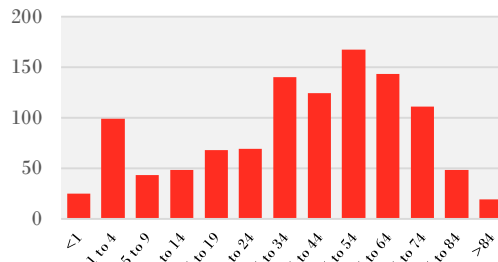
Average statewide campylobacteriosis cases in the previous 5 years for the same time period (confirmed and probable)

12 Month county rates of campylobacteriosis cases per 100,000

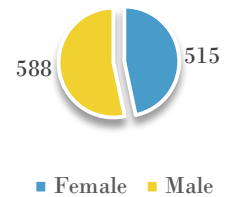


Note that rates based on <20 cases are not reliable and should be interpreted with caution

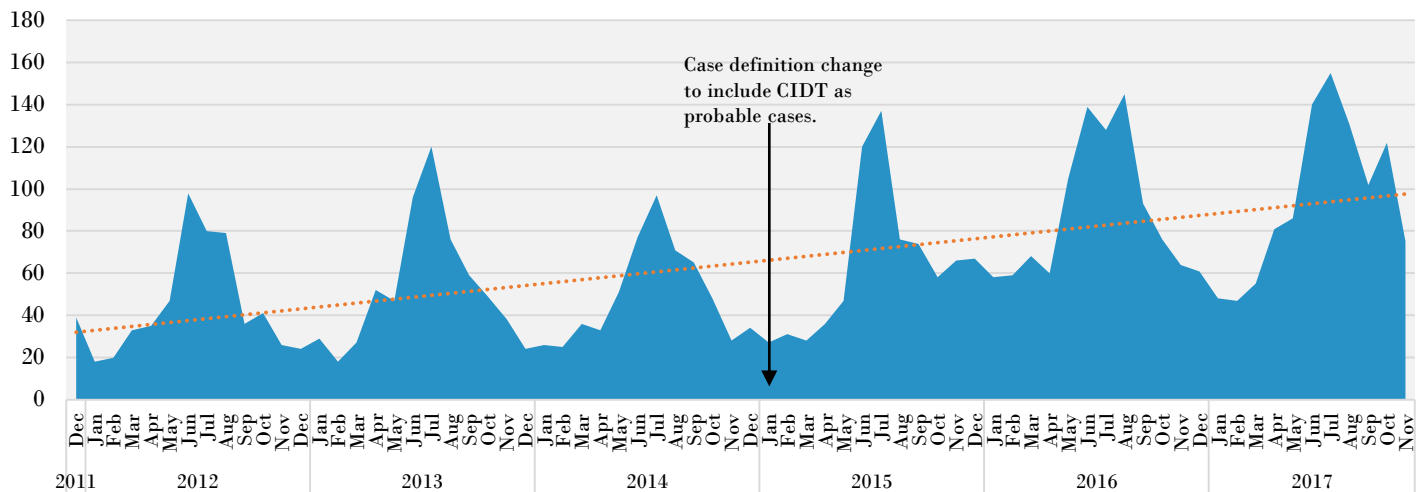
Campylobacteriosis cases by age past 12 months



Campylobacteriosis cases by gender past 12 months



Reported campylobacteriosis cases by date of onset or first lab result



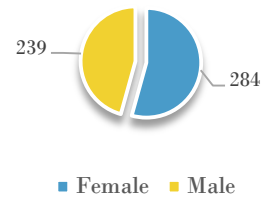
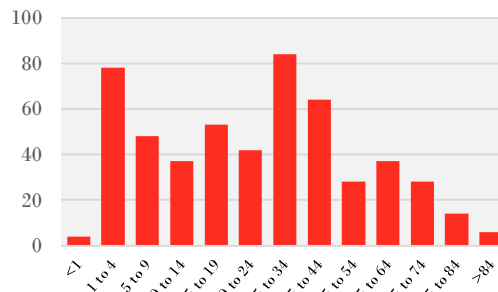
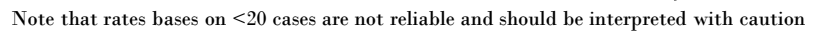
December 1, 2016 – November 30, 2017

December 1, 2016 – November 30, 2017

Statewide cryptosporidiosis cases in November (confirmed and probable)

Statewide cryptosporidiosis cases in the past 12 months (confirmed and probable)

Average statewide
cryptosporidiosis cases in the
previous 5 years for the same time
period
(confirmed and probable)



The chart displays the monthly volume of tweets from 2011 to 2017. The y-axis represents the number of tweets, ranging from 0 to 600. The x-axis shows the months from December 2011 to November 2017. A horizontal dashed line at approximately 50 tweets per month serves as a baseline. The data shows a major surge in mid-2013, peaking at over 500 tweets in July and August. Another notable peak occurs in mid-2016, reaching about 200 tweets in August. The volume generally remains below the baseline for most of the period, with minor fluctuations.

Year	Month	Tweets (approx.)
2011	Dec	10
2011	Jan	15
2011	Feb	10
2011	Mar	10
2011	Apr	10
2011	May	10
2011	Jun	20
2011	Jul	40
2011	Aug	50
2011	Sep	20
2011	Oct	10
2011	Nov	10
2011	Dec	10
2012	Jan	10
2012	Feb	10
2012	Mar	10
2012	Apr	10
2012	May	10
2012	Jun	20
2012	Jul	40
2012	Aug	50
2012	Sep	20
2012	Oct	10
2012	Nov	10
2012	Dec	10
2013	Jan	10
2013	Feb	10
2013	Mar	10
2013	Apr	10
2013	May	10
2013	Jun	20
2013	Jul	40
2013	Aug	50
2013	Sep	20
2013	Oct	10
2013	Nov	10
2013	Dec	10
2014	Jan	10
2014	Feb	10
2014	Mar	10
2014	Apr	10
2014	May	10
2014	Jun	20
2014	Jul	40
2014	Aug	50
2014	Sep	20
2014	Oct	10
2014	Nov	10
2014	Dec	10
2015	Jan	10
2015	Feb	10
2015	Mar	10
2015	Apr	10
2015	May	10
2015	Jun	20
2015	Jul	40
2015	Aug	50
2015	Sep	20
2015	Oct	10
2015	Nov	10
2015	Dec	10
2016	Jan	10
2016	Feb	10
2016	Mar	10
2016	Apr	10
2016	May	10
2016	Jun	20
2016	Jul	40
2016	Aug	50
2016	Sep	20
2016	Oct	10
2016	Nov	10
2016	Dec	10
2017	Jan	10
2017	Feb	10
2017	Mar	10
2017	Apr	10
2017	May	10
2017	Jun	20
2017	Jul	40
2017	Aug	50
2017	Sep	20
2017	Oct	10
2017	Nov	10

E. coli (STEC) Summary

December 1, 2016 – November 30, 2017

18

Statewide E. coli (STEC)
cases in November
(confirmed, probable, and suspect*)

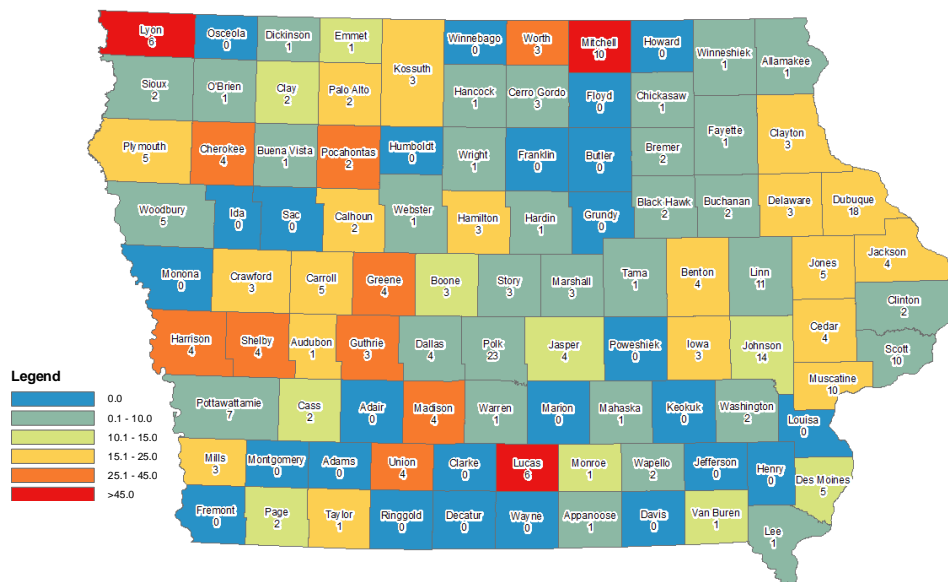
270

Statewide E. coli (STEC) cases in
the past 12 months
(confirmed and probable)

208

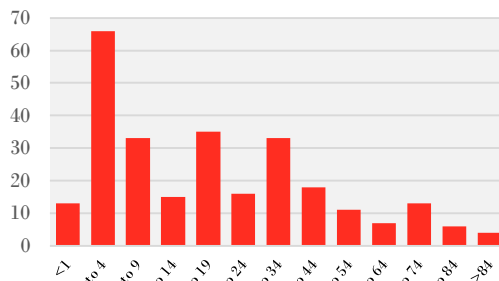
Average statewide E. coli (STEC)
cases in the previous 5 years for
the same time period
(confirmed and probable)

12 Month county rates of E. coli (STEC)
cases per 100,000

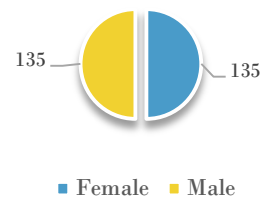


Note that rates based on <20 cases are not reliable and should be interpreted with caution

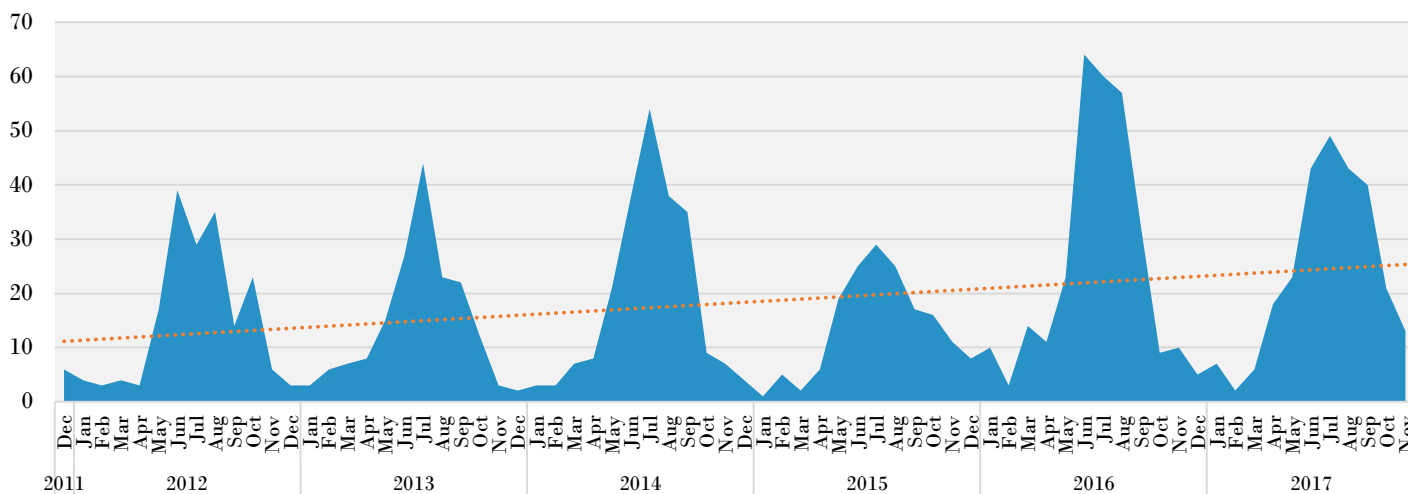
E. coli (STEC) cases by age past 12 months



E. coli (STEC) cases by gender past 12 months



Reported E. coli (STEC) cases by date of onset or first lab result



*CADE began using the suspect case definition as a final classification on Jan 1, 2017. Suspect cases are not included in the official case count but only meant to better estimate burden of disease. Any counts in this report from dates prior to Jan 1, 2017 do not include suspect cases.

Mumps Summary

December 1, 2016 – November 30, 2017

3

Statewide mumps cases in November
(confirmed, probable, and suspect*)

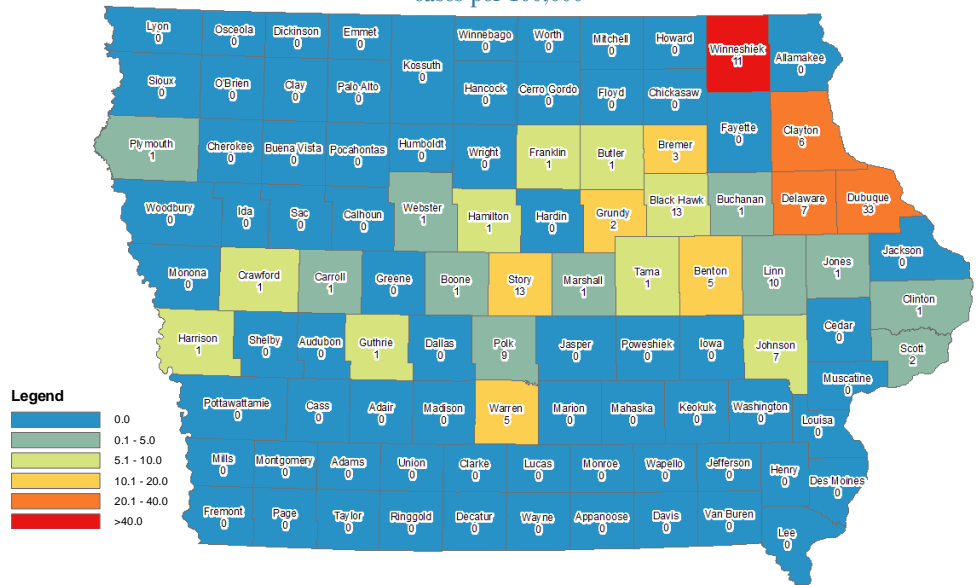
141

Statewide mumps cases in the past 12 months
(confirmed and probable)

228

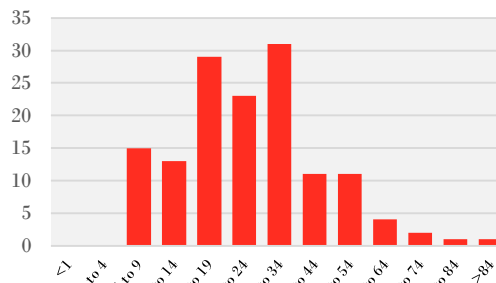
Average statewide mumps cases in the previous 5 years for the same time period
(confirmed and probable)

12 Month county rates of mumps cases per 100,000

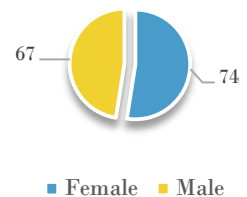


Note that rates based on <20 cases are not reliable and should be interpreted with caution

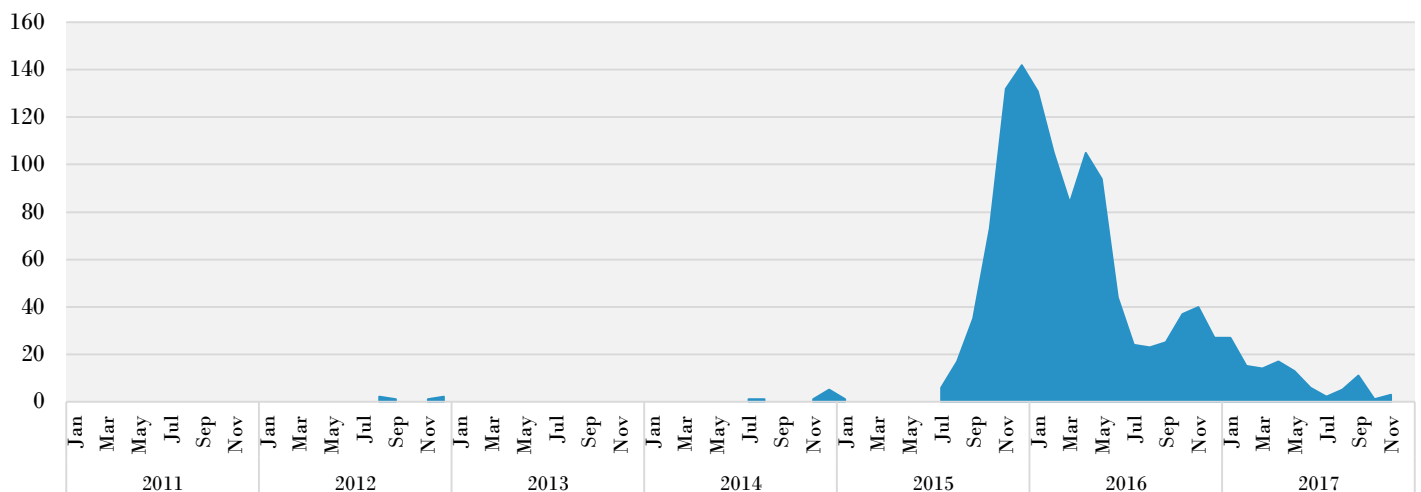
Mumps cases by age past 12 months



Mumps cases by gender past 12 months



Reported mumps cases by date of onset or first lab result



*CADE began using the suspect case definition as a final classification on Jan 1, 2017. Suspect cases are not included in the official case count but only meant to better estimate burden of disease. Any counts in this report from dates prior to Jan 1, 2017 do not include suspect cases.

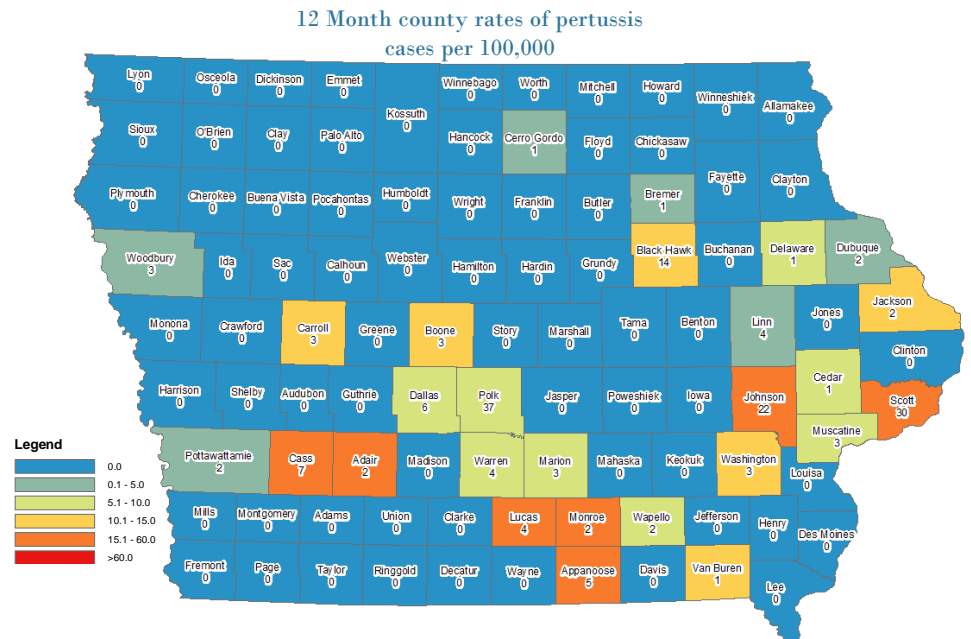
Pertussis Summary

December 1, 2016 – November 30, 2017

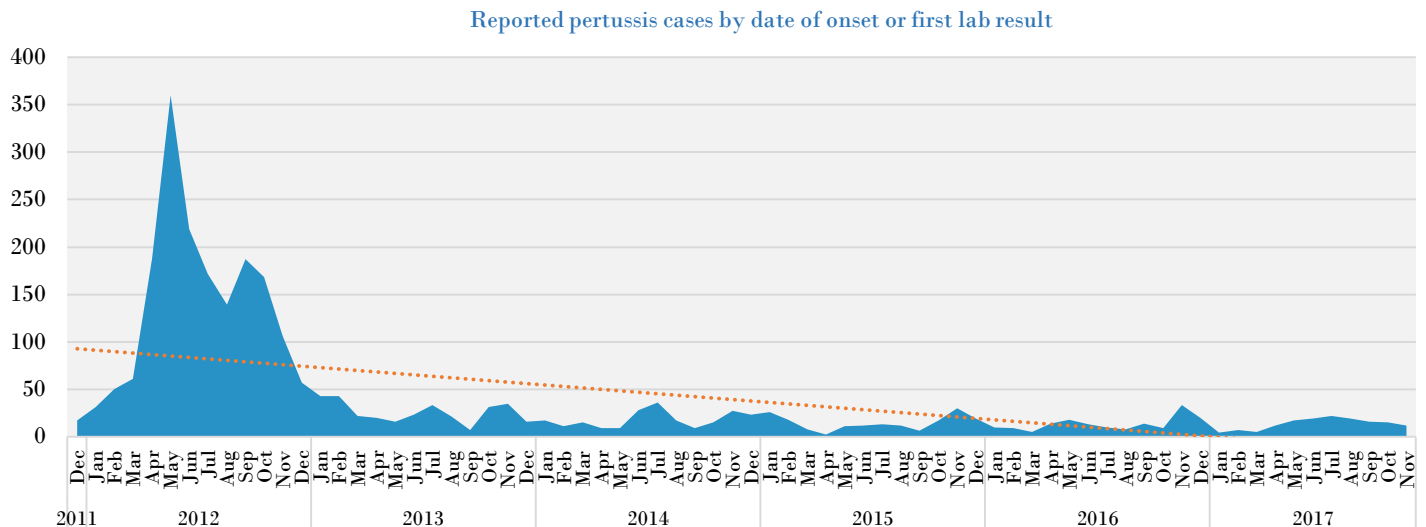
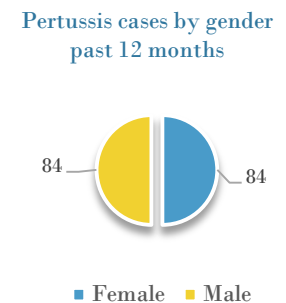
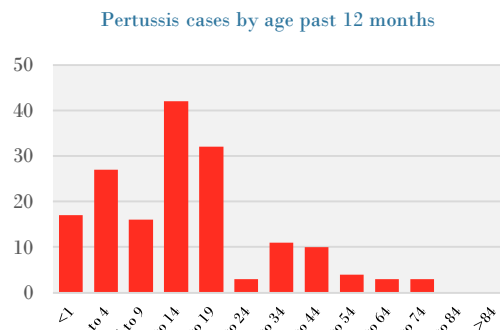
11
Statewide pertussis cases in November
(confirmed, probable, and suspect*)

168
Statewide pertussis cases in the past 12 months
(confirmed and probable)

520
Average statewide pertussis cases in the previous 5 years for the same time period
(confirmed and probable)



Note that rates based on <20 cases are not reliable and should be interpreted with caution



*CADE began using the suspect case definition as a final classification on Jan 1, 2017. Suspect cases are not included in the official case count but only meant to better estimate burden of disease. Any counts in this report from dates prior to Jan 1, 2017 do not include suspect cases.

December 1, 2016 – November 30, 2017

47

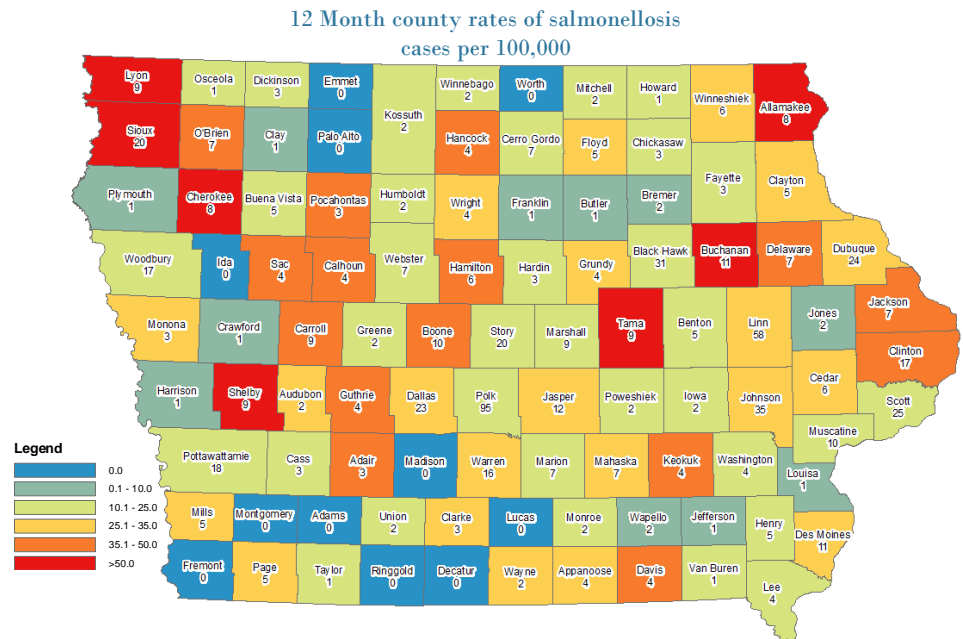
Statewide salmonellosis cases in November (confirmed and probable)

727

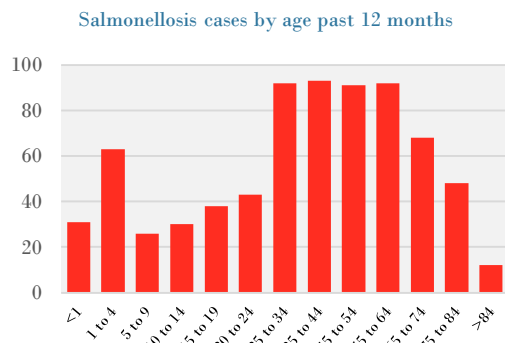
Statewide salmonellosis cases in
the past 12 months
(confirmed and probable)

621

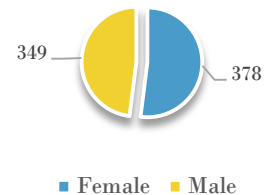
Average statewide salmonellosis cases in the previous 5 years for the same time period (confirmed and probable)



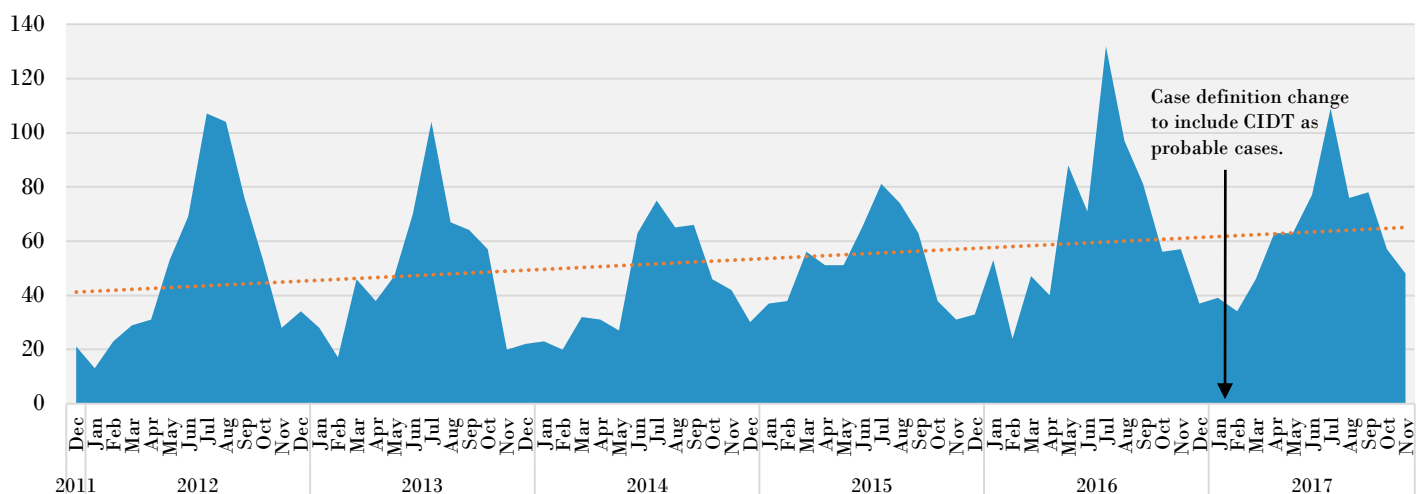
Note that rates based on <20 cases are not reliable and should be interpreted with caution



Salmonellosis cases by gender past 12 months



Reported salmonellosis cases by date of onset or first lab report



December 1, 2016 – November 30, 2017

22

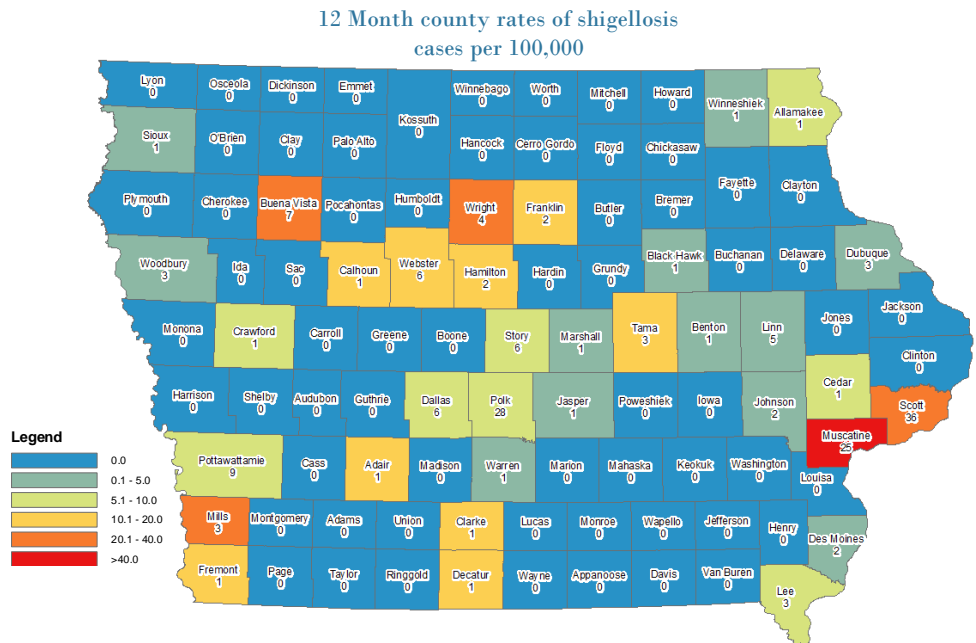
Statewide shigellosis cases in November (confirmed and probable)

170

Statewide shigellosis cases in the
past 12 months
(confirmed and probable)

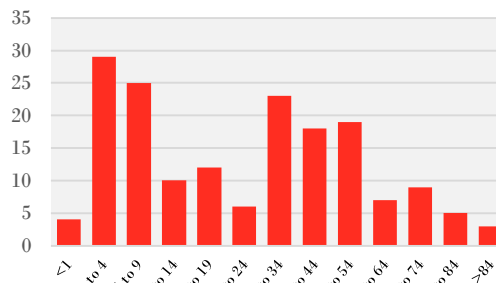
348

Average statewide shigellosis cases in the previous 5 years for the same time period (confirmed and probable)

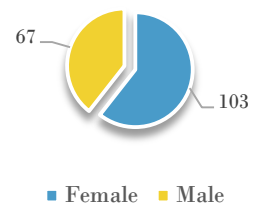


Note that rates based on <20 cases are not reliable and should be interpreted with caution

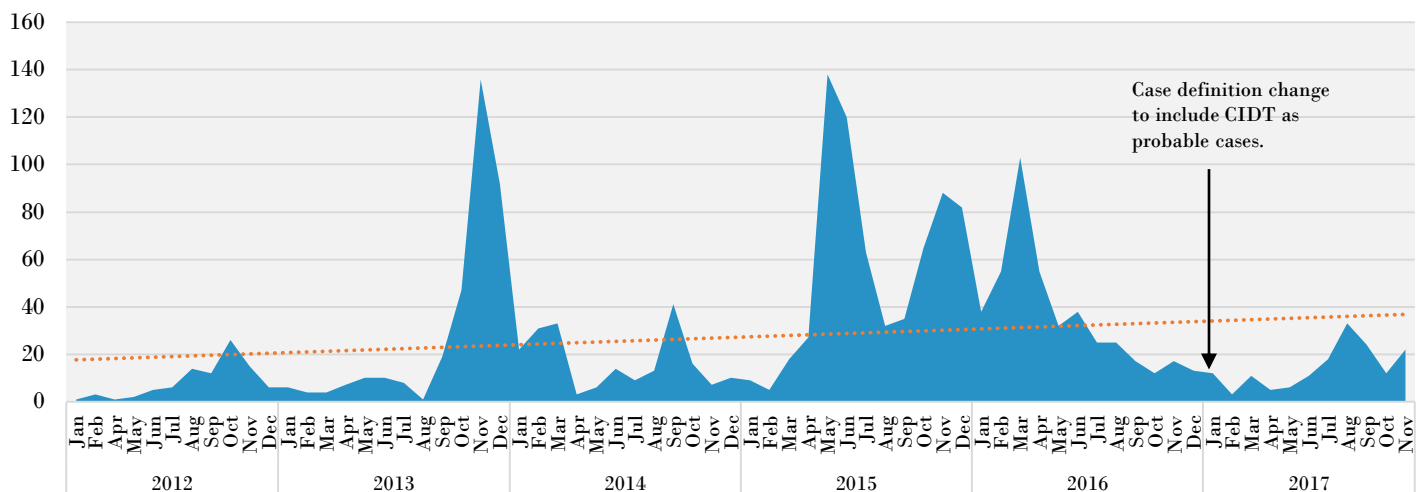
Shigellosis cases by age past 12 months



Shigellosis cases by gender past 12 months



Shigellosis cases by date of onset or first lab result



IOWA DEPARTMENT OF PUBLIC HEALTH

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